



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/712,752  
Applicant: Sandeep K. KARODE, et al.  
Filed: November 13, 2003  
Title: Membrane separation process  
TC/A.U. 1724  
Examiner: Unknown  
Docket No.: Serie 6367  
Customer No.: 40582

**INFORMATION DISCLOSURE STATEMENT**  
**FROM FOREIGN SEARCH REPORT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Attached is a completed PTO form 1449 citing references submitted for consideration during examination of the above referenced patent application. Copies of the references cited therein are also enclosed. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Under 37 C.F.R. 1.97(e)(1), I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56 (c) not more than three months prior to the filing of this statement.

No fee is due at this time in accordance with 37 C.F.R. § 1.97. However, the Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 01-1375. This paper is submitted in duplicate.

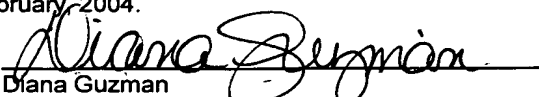
Respectfully submitted,

  
Linda K. Russell, Registration No. 34,918

**Date: February 27, 2004**  
Air Liquide  
2700 Post Oak Boulevard, Suite 1800  
Houston, Texas 77056  
(713) 624-8956

**CERTIFICATE OF MAILING UNDER 37 CFR 1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 27<sup>th</sup> day of February, 2004.

  
Diana Guzman

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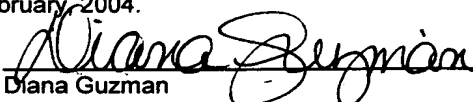
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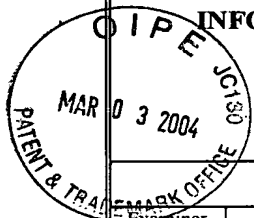
  
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Diana Guzman



**INFORMATION DISCLOSURE CITATION**  
(USE SEVERAL SHEETS IF NECESSARY)

ATTY. DOCKET NO.

Serie 6367

SERIAL NO.

10/712,752

APPLICANT(S)

Sandeep K. KARODE, et al.

FILING DATE

November 13, 2003

GROUP

1724

**U.S. PATENT DOCUMENTS**

| Examiner Initial |    | Document Number   | Date       | Name               | Class | Subclass | Filing Date |
|------------------|----|-------------------|------------|--------------------|-------|----------|-------------|
|                  | A1 | US 4 681 612 A    | 7/21/1987  | A. Holmes, et al.  |       |          |             |
|                  | A2 | US 4 936 887 A    | 6/26/1990  | R. Waldo, et al.   |       |          |             |
|                  | A3 | US 2002/152889 A1 | 10/24/2002 | R. Daniels, et al. |       |          |             |
|                  | A4 | US 5 842 357 A    | 12/01/1998 | W. Brown, et al.   |       |          |             |
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|                  |    |                   |            |                    |       |          |             |
|                  |    |                   |            |                    |       |          |             |

**FOREIGN PATENT DOCUMENTS**

|  |    | Document Number | Date       | Country | Class | Subclass | Translation |    |
|--|----|-----------------|------------|---------|-------|----------|-------------|----|
|  |    |                 |            |         |       |          | Yes         | No |
|  | B1 | EP 0 247 585 A  | 12/02/1987 | Europe  |       |          |             |    |
|  | B2 | WO 92 20431 A   | 11/26/1992 | PCT     |       |          |             |    |
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|  |    |                 |            |         |       |          |             |    |

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

|  |    |  |   |
|--|----|--|---|
|  | C1 |  | International Search Report for PCT/IB 03/05239 |
|  |    |  |   |
|  |    |  |   |

Examiner

Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.